

**TEQPOLYMER SPR LQ****PRODUCT DESCRIPTION**

TEQPOLYMER SPR LQ is an excellent rheology modifier, alkali-swellable anionic acrylic polymer emulsion, lightly crosslinked. It provides the convenience of a liquid while delivering unique benefits to surfactant-based cleansing products. It is designed to impart efficient suspending and stabilizing, as well as thickening properties in a formulation which contains high level of surfactant. It is able to produce very clear formulations containing high level of surfactant. It works synergistically with surfactant and salt resulting in efficient suspending, stabilizing, and thickening property. It allows for suspending, stabilization, and thickening of low Ph systems, insoluble and difficult-to- stabilize ingredients such as silicone can be co-emulsified and stabilized. It also has the remarkable ability to enhance the pearlescent appearance of surfactant formulations. It can be widely used in personal cleansing products.

**INCI Name** : Acrylates Copolymer

**APPLICATIONS**

Pearly shampoo, pearly or clear body wash and other cleansers  
Conditioning products with big particle size or high molecular weight ingredients such as: conditioning shampoo, anti-dandruff shampoo, Moisturizing body wash  
Foundation cream / lotion  
Sunscreen cream / lotion  
Formula with Alcohol, Glycol, Isopropanol, Propylene Glycol and Glycerol  
Hair dye

**FEATURES**

Non associating rheology modifier  
Excellent at suspending silicone, zinc pyrithione, powder and other insoluble ingredient in shampoo.  
Provides stabilizing, thickening and co-emulsifying functions.  
Applicable for transparent system.  
Works synergistically with surfactant and salt  
Enhance the visual impact of pearlizing additives and improve the stability dramatically

**SPECIFICATION**

| PARAMETERS   | VALUE              | TEST METHODS |
|--|--------------------|--------------|
| Appearance (25°C)                                  | Milky white liquid | QCM-028      |
| Solid content (105°C, 2.0g, %)                     | 34.0-36.0          |              |
| pH value (25°C)                                    | 2.1-3.8            | QCM-001      |
| Viscosity (1%solids aqueous solution, 25°C, mPa•s) | 4000-8000          |              |
| Residual ethyl acrylate (mg/kg)                    | max 1.0            |              |

**Storage**

The temperature during storage and transportation must be controlled at 5-35 ° C.

**DISCLAIM**

Kale Kimya AS is part of Kale Kimya Group. Those presented in this document, our research so far, our experience and knowledge within the information provided is accurate. In case of changes in operating conditions and methods of application, any information given in this document can not be considered as guarantees and preliminary tests are recommended. For more information, our laboratory will provide support services.

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